FIRST & Final — Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other works)

No.:…… Date:……

Division: Medarahalli Division — Sub-Division:

Bill Received No. 240/14-15 Dated 25.6.14 — Cash Book Vocher No…… Dated 99-5-14

Scheduled Docket No.…… Head of Account……

Name of work (as Per Sanctioned Estimate.):**Improvements roads to Medarahalli main road in ward No. 12 shettyhalli Sub Division.**

Name of Contractor and Full Address: : - **Technical Manager (west), Karnataka rural Infrastructure Development Limited, Project Implementation unit, Madhavanagara, Bangalaore 560 001.**

Reference to Agreement No: **EE/DD/WO/ 238 /12-13**

Certified that the measurements were taken by me on 29/5/14 and recorded in pages 83315 to 83326/2

Measurements Book No. 8314/13-14 and that the work is satisfaction executed

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Contractor Signature — Officer-in-charge of work.

Certified that the measurements were taken by me on 29.5.14 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub – Division Officer

If Memorandum of Payment — **Work Code No. 012-12-000047** — P code- P-0190

		Amount
1	Total Value of work done or supplies made as per account.	Bill upto date 10298129=-
2	Deduct amount to be held in reserve being …… Percent Rs. ……	Ded. Pre-Pac 6425172=-
3	Deduct amount to be held in reserve being balance	I & F 3872957=-
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No…… Dated…… S.D. No…… Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied.	IT-774459- KST-154918- FSD-193648- WC-38730- CSF-3873- LR-27295- Fine-6210-
5	Balance being unpaid value of work done held in reserve	Total…… 502133-/-
6	Deduct cash advance made on the office cash book vehicle No…… Dated…… Less adjustments	
7	Net amount due to or from contractor	3370824=-
8	Unadjusted items Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. 3370824- Government materials supplied.	

Audited and admitted for Rs. 3872957=-

Passed by Cheque for Rs. 3370824-

by adjustment Rs. 502133=-

Received Rs.……(in words)……

Accounts Superintendent — Executive Engineer

By cash and by adjustment of payment as per memorandam.

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Contractor Signature

Witnesses:
1
2

(for use in the office)

Date:…… 31/5

Paid by me by cheque…… Dated……

Cash Rs…… Dated……

Initials of Officer making payment dated……

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Signature of Contractor

Executive Engineer.

Sl. No.	Description of Items
1	Scarifying existing stone metal layer upto 75mm thick along withtheir bituminous sur Picking up scarified materials and stacking of old serviceable materials [redacted] lead of 1 sequential spreading of the salvagea aggregates with fresh aggretes on prepared base consolidating as per water bound macadam specifications including cost af all labour HO machineries comp;ete as per specifications
2	Cleanimg the existing black topped surface with brooms. Soft brushes and finally dusting old gunny bags and/ or compressed air to reccive bituminous treatment including cost materials,labour, HOM of machineries complete as per specifications
3	Earthwork in surface excavation in Hard soil for levelling and lowering the ground mar (other than foundation of buildings, culverts, road drains and trenches of pipelines and ca and removing the excavated stuff to a distance not exceeding 50m and lift up to 1 excavated leveled and neatly dressed disposed earth to be leveled after breaking of clods
4	Construction of granular sub-base by providing close graded Material, Mixing in a mecha mix plant at OMC carriage of mixed Materials to work site, spreading in uniform layers motor grader on prepared surface and compacting with vibratory power roller to achieve desired density, complete as per SPecfications.
5	Providing, laying spreading and compacting graded stone aggregate to wet mix maca Specifications including premixing the materials with water at OMC in mechanical mix p carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/b course on well prepared surface and compacting with vibratory roller to acheive th desired
6	Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg p r 10 sqm surfaces of low and medium porosity respectively over prepared surface of grar r base cut back am C-70 or any other bitumen mixed with diesel at 10kg per 10sqm ate bitumen boiler fitted with spray set (Excluding cleaning of road surface) including cost o materials labour, HOM of Machineries Complete as per specifications.
7	Tick-coat Providing and laying tack coat with bitumen emulsion using emulsion pres distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface clea with mechanical broom. Complete as per specifications.
8	Providing and laying bituminous macadam on prepared surface with crushed coa aggregates as per design mix formula for base/binding course including loading of aggrega with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 to capacity, transporting the mixed material in tipper to paver and laying mixed materials paver finisher to the required level and grade, rolling by power roller to acheive the des density, 50/75 mm compacted thickness with 80/100 Grade bitumen but excluding cos primer/tack coat with lead upto 1 km including cost of all materials, labour HOM machineries complete as per specifications.
9	Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH ba type HMP producing an average output of 75 tonnes per hour using crushed aggregates specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transpo the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to required grade, level and alignment, rolling with smooth wheeled, vigratory and tandem ro to acheive the desired compaction as per MORTH specifications clause No. 500.9 comp in all respects as per specifications.
10	Carriage of mixed materials 10 kms, for items of Qty wide No.8+9
11	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil exceeding 1.5 m. in depth including dreesing the bottom and sides of pits and trench stacking the excavated soil clear from edges of excavation with lead upto 50 m. after brea of clods complete as per specifications

	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
		Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
ace. Cm. and M of	Sqm	—	—	—	338.00	65.23	22048=00	338.00	22048=00
with f all	Sqm	—	—	—	3594.50	2.38	8541=00	3594.50	8541=00
ally les) 5m,	Cum.	—	—	—	273.42	154.76	42314=00	273.42	42314=00
ical with the	Cum.	—	—	—	204.31	981=72	200575=00	204.31	200575=00
am ant ase	Cum.	—	—	—	204.31	1059.48	216462=00	204.31	216462=00
for vith in all	Sqm	—	—		1021.55	68.36	69837=00	1021.55	69837=00
ure ned	Sqm	—	—		3836.30	10.80	41432=00	3836.30	41432=00
rse tes ne vith red of of	Cum.	—	—		51.08	6106=32	311896=00	51.08	311896=00
tch of ng he ers ete	Cum.	—	—		208.46	10504=00	21,89,681=00	208.46	21,89,681=00
	Cum.	—	—		259.54	56.70	14716=00	259.54	14716=00
nd not es, ng	Cum.	951.51	132.50	126075.075	21.69	132.50	2874=00	973.20	128949=00

126075.075

3082496=00
2120376=00

3208,371=00
32464=00

12	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC @ 220 kgs. With 40mm and down size graded granite metal coarse aggregages @ and fine agggegate @ 0.465cum machine mixed, concrete laid in layers not exceedi thick, well compacted in foundation and plinth, cost of all materials, labour H of m curing complete as per specifications.
13	Providing and laying in position reinforced cement concrete of M20 with OPC cem 320kgs, with 20mm and down siz graded granite metal coarse aggregates @ 0.878 c fine aggregates @ 0.459cum super plastisiser @ 3ltrs confirming to IS9103-1999 Reaf 2008, machine mixed, concrete laid in layers not exceeding 15cms thick vibrated for al in foundation plinth and ground floor level for roof slabs staircase, lntels, retaining walls walls, walls (any thickness) including attached plasters, columns, piers, abutments posts, struts, buttresses, string or lacing courses, parapets, coping bed blocks, anchor palin window cills, fillets etc., including cost of all materials, labour HOM of machinery complete as per specifications.
14	Providng TMT steel reinforcement for R.C.C work including straightening, cutting be hooking, placing in position lapping and /or welding wherever required, tying with bindi and anchoring to the adjoinng members wherever necessary comploete as per desg and wastage shall not be measured and paid) cost of materials, labour, HOM of ma complete as per specifications.
15	Providing and removing centering, shuttering, strutting, propping etc., and removal work for **vertical surface** such as walls at any thickness, including attached pil buttresses, plinth and string courses cost of all materials, labour complete a specifications.
16	Providing & laying reinforced cement precast slabs of mxi CC 1:1.5:3 using 20mm & size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & com as per specifications.
17	Provididing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and fin with CM 1:3 plastering and finishing cutting etc., complete as er specificaitons.
18	Providing and applying ready mix priming coat over concrete/masonry/asbestos c sheet/plasted surfaces including preparing the surface after throughtly cleaning of oil, gr dir, labour complete as er specificaitons.
19	Painting two coats after filling the surface with synthetic enamel paint in approved shad new plastered concrete concrete surfaces, with materials, labour complete as specifications.
20	Disposal of debris to the final place of disposal with all lead and lift and as direction by engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materilas as per No. 17.4/KSRRB : M 100-4.1 .... Rs. 2.00 Tonne/ Km b) Average earth of work Tonne/Km for Rs. 2.00/Km c) Add loading and unloading item No 17.1 KSRB M Rs.62.20
	Add :-10% KRIDL Ch

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.

2 The contractor has cleared the debries from the work sport

3 The contractor has used his own vehicles for the coveying the debries.

4 There are no departmental issues for the above work.

ent cum cms ery	Cum.	109.77	4053.44	444946.1088	9.93	4053.44	40,250=00	49.70	48,5197=00
@ and ed- rks urn ars, ks, ing	Cum.	256.16	5142.06	1317190.09	64.64	5142.06	3,32,383=00	320.80	1649573=00
ng, vire ips ery	Qtl	146.22	7187.80	1051009	14.18	7187.80	1,01,925=00	160.40	1152933=00
rm rs, ber	Sqm	2440	555.44	1355273.6	25.00	555.44	13886=00	2465.00	1369160=00
wn ete	Sqm	540	1963.6	1060344	—	—	—	540.00	10,60,344=00
ed	No	1350	289.44	390744	—	—	—	1350.00	390744=00
ent se	Sqm	—	—	—	300.00	20.14	6042=00	300.00	6042=00
on ber	Sqm	—	—	—	300.00	45.90	13769=00	300.00	13769=00
ne m 28 -1	Cum.	951.51	100.35	95484	295.11	106.35	29614	295.11	29614=00
				5841065.873					94,99,316=00
es				584106.50					9,49,931=00
				6425172.373					1,04,49,247=00

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ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.